

For Research Use Only

# CoraLite® Plus 488-conjugated MFSD2 Monoclonal antibody

Catalog Number: CL488-67965



## Basic Information

### Catalog Number:

CL488-67965

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### Source:

Mouse

### Isotype:

IgG2a

### Immunogen Catalog Number:

AG31028

### GenBank Accession Number:

BC092414

### GeneID (NCBI):

84879

### UNIPROT ID:

Q8NA29

### Full Name:

major facilitator superfamily domain containing 2

### Calculated MW:

543 aa, 60 kDa

### Observed MW:

60 kDa

### Purification Method:

Protein A purification

### CloneNo.:

2D2B4

### Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

### Tested Applications:

### Species Specificity:

human, mouse

## Background Information

MFSD2, also named as MFSD2A, belongs to a large family of presumptive carbohydrate transporters with 10-12 membrane-spanning domains, is located at chromosomal position 1p34.2, and is conserved in evolution. It plays a role in thermogenesis via beta-adrenergic signaling pathway. It may be the main plasma membrane tunicamycin transporter. MFSD2 has three isoforms with MW 50 kDa and 59-60 kDa.

## Storage

### Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

### Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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